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PTO/SB/21 (08-00)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/082,636
	Filing Date	February 25, 2002
	First Named Inventor	Noth et al.
	Group Art Unit	1619
	Examiner Name	To be assigned
Total Number of Pages in This Submission	Attorney Docket Number	003252-052901

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Req. for Corrected Filing Receipt; Correction of Type in Spelling of Inventor's Name; COPY - Filing Receipt with Req. Changes Marked in Red; Fee Transmittal; Certificate of Mailing; Check in the Amount of \$25.00; Return Receipt Postcard.
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	The Commissioner is authorized to charge fee deficiencies to the NIXON PEABODY LLP deposit account 50-0850.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David S. Resnick (Reg.No. 34,235) NIXON PEABODY LLP, 101 Federal Street, Boston, MA 02110
Signature	
Date	11/12/02

CERTIFICATE OF MAILING			
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Typed or printed name	Melissa Krugger		
Signature		Date	11/12/02

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 25.00

Complete if Known

Application Number 10/082,636
 Filing Date February 25, 2002
 First Named Inventor Noth et al.
 Examiner Name To be assigned
 Group Art Unit 1619
 Attorney Docket No. 003252-052901

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account: Charge fee deficiencies

Deposit Account Number 50-0850
 Deposit Account Name NIXON PEABODY LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	=
Multiple Dependent	-3** =	X	=

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.128(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) Request for Corrected Filing Receipt

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 25.00

SUBMITTED BY

Name (Print/Type) David S. Resnick
 Signature [Signature]

Registration No. 34,235
 (Attorney/Agent)

Complete if applicable

Telephone (617) 345-6057
 Date 11/12/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Patitioner's Docket No. 003252-052901

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Noth, U. and Tuan, R.

Serial No.: 10/082,636

Group: 1619

Filed: Feb. 25, 2002

Examiner: To be assigned

For: **IN VITRO ENGINEERED CARTILAGE CONSTRUCTS PRODUCED BY
COATING BIODEGRADABLE POLYMER WITH HUMAN MESENCHYMAL
STEM CELLS**

CERTIFICATE OF MAILING (37 C.F.R. SECTION 1.8(a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

11/12/02
Date

Melissa Kruggel
(type or print name of person mailing paper)

Melissa Kruggel
Signature of person mailing paper

**Assistant Commissioner for Patents
Washington, D.C. 20231**

REQUEST FOR CORRECTED FILING RECEIPT

1. Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested.

Note: The PTO will not correct the filing receipt until the application is complete (in other words, the applicant files a response to the notice to file missing parts).

2. There is an error with respect to the following data, which is:

[X]incorrectly entered

and/or

[] omitted.

Repln. Ref: 11/20/2002 BSAYASI1 0009554700
DN# 500850 Name/Number: 10082636
FC: 9204 \$25.00 CR

Error in**Correct data**

1. ☒ Applicant's name
2. ☐ Applicant's address
3. ☐ Title
4. ☐ Filing Date
5. ☐ Serial Number
6. ☐ Foreign/PCT Application Re:
7. ☐ Other

1. Ulrich Noth
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

3. *(complete the following applicable item)*

☐ A. The correction(s) is/are not due to any error by applicant and no fee is due.

OR

☒ B. At least one of the above corrections is due to applicant's error and the fee therefor, under 37 C.F.R. Section 1.19(h), of \$25.00 is paid as follows:

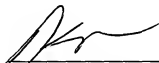
☒ Enclosed is check for \$25.00.

☒ Charge fee deficiencies Account 50-0850.

Date:

11/12/02

Respectfully submitted,



Customer No.: 26770

David S. Resnick (Reg. No. 34,235)
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110
Tel. (617) 345-6057
Fax (617) 345-1300



Practitioner's Docket No. 003252-052901

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Noth, U. and Tuan, R.

Serial No.: 10/082,636

Group: 1619

Filed: Feb. 25, 2002

Examiner: To be assigned

For: **IN VITRO ENGINEERED CARTILAGE CONSTRUCTS PRODUCED BY COATING
BIODEGRADABLE POLYMER WITH HUMAN MESENCHYMAL STEM CELLS**

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Date 11/12/02

Melissa Kruggel
(type or print name of person mailing paper)

Melissa Kruggel
Signature of person mailing paper

**Assistant Commissioner for Patents
Washington, D.C. 20231**

**CORRECTION OF [X] TYPOGRAPHICAL [] TRANSLITERATION ERROR IN SPELLING
OF INVENTOR'S NAME**

NOTE: "When a typographical or transliteration error in the spelling of an inventor's name is discovered during pend[er]ncy of an application, a petition is not required, nor is a new oath or declaration under 37 C.F.R. Section 1.63 needed. The Patent and Trademark Office should simply be notified of the error and reference to the notification paper will be made on the previously filed oath or declaration by the Office." Section 605.04(b), M.P.E.P. Section 7th Ed.

1. Applicant respectfully requests the correction of the

[X] typographical

[] transliteration

error in the spelling of the inventor's name on the PTO records.

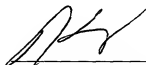
2. The correct spelling of the inventor's name is:

Ulrich Noth.

Date: 11/12/02

Customer No.: 26770

Respectfully submitted,



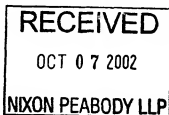
David S. Resnick (Reg. No. 34,235)
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110
Tel. (617) 345-6057
Fax (617) 345-1300



Commissioner for Patents
Washington, DC 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWNGS	TOT CLAIMS	IND CLAIMS
10/082,636	02/25/2002	1619	435	00325-052901	4	9	1

David S. Resnick
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110



CONFIRMATION NO. 3647
UPDATED FILING RECEIPT



OC0000000888394

Date Mailed: 10/02/2002

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Ulrich
Ulrich Noth, Wurzburg, GERMANY;
Rocky S. Tuan, Chester Springs, PA;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/270,974 02/23/2001

Foreign Applications

If Required, Foreign Filing License Granted 03/27/2002

Projected Publication Date: 01/09/2003

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

In vitro engineered cartilage constructs produced by coating biodegradable polymer with human mesenchymal stem cells

Preliminary Class

424

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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PTO/SB92 (08-00)

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Melissa Kruggel
Signature

Melissa Kruggel

Typed or printed name of person of signing Certificate

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Return Receipt Postcard.

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